Electronic Version
Stylesheet Version v1.1.1

Claims

[c1] 1. A card connector mounted on a circuit board for positioning a card on the circuit board and electrically connecting the card to the circuit board, comprising:
a guiding frame, set on a first surface of the circuit board for guiding and accommodating a card;
a connector socket, set on the first surface of the circuit board for electrically and structurally connecting with one end of the card connector;
a first isolation film, set on the first surface of the circuit board between the guiding frame and the circuit board; and
a conductive film, set on the first isolation film between the guiding frame and the circuit board such that the conductive film contacts the guiding frame directly and connects with a grounding pad on the circuit board.

[c2] 2. The card connector of claim 1, wherein the guiding frame further comprises at least a grounding washer and at least a conductive screw such that the grounding washer is integrally formed with the guiding frame and the grounding washer in contact with the grounding pad on the circuit board is tightened to the circuit board

through the conductive screw.

[c3] 3. The card connector of claim 1, wherein the grounding pad on the circuit board is located on a second surface opposite to the first surface so that the conductive film extends from the first surface of the circuit board to the second surface of the circuit board and connects with the grounding pad.

[c4] 4. The card connector of claim 1, wherein material constituting the conductive film comprises aluminum.

[c5] 5. The card connector of claim 1, wherein the connector further comprises a second isolation film set on the conductive film.